


Survey Questions - Post-Focus Group Session Survey (Residents)

All responses to this information collection are voluntary and anonymous. Send comments regarding this information collection to the Nurture Nature Center at: 518 Northampton Street, Easton, PA 18042, Attn: Rachel Hogan Carr, Executive Director, rhogan@nurturenature.org.


1: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Situation Overview.

Not at all useful 1 2 3 4 5 Extremely useful

Situation Overview
February 29, 2024
12:15 PM



- Heavy rainfall will result in a considerable risk of **flash flooding** (rapid-onset) on Day
- Widespread rainfall totals of 2-4" are expected across central NY and northeast PA with locally higher amounts up to 6" possible.



- Several streams and creeks are expected to experience minor to moderate **river flooding** late Day into the next day.
- River flooding is most likely along the Susquehanna River from the headwaters to Waverly.

2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Summary of Greatest Impacts.

Not at all useful 1 2 3 4 5 Extremely useful


Summary of Greatest Impacts
February 29, 2024
12:15 PM

Central New York and Northeast Pennsylvania


	None	Limited	Elevated	Significant	Extreme
Heavy Rain				↑	

Central NY and Northeast PA


	None	Limited	Elevated	Significant	Extreme
Flooding			↑		



increasing Threat →



National Oceanic and Atmospheric Administration

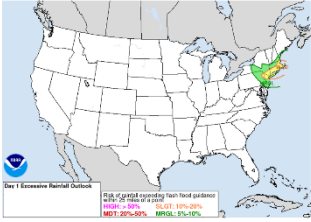


National Weather Service
Binghamton, NY

3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful 1 2 3 4 5 Extremely useful

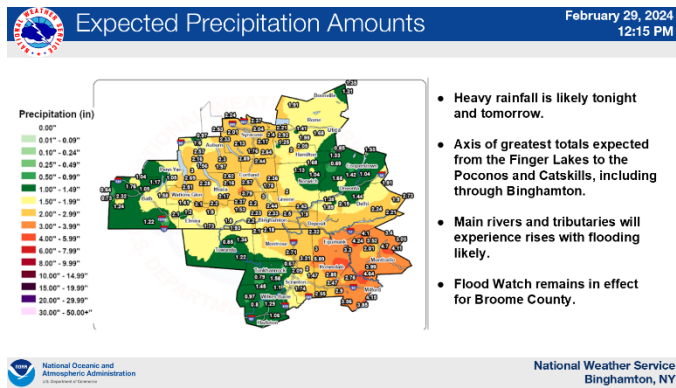
Excessive Rainfall Outlook
February 29, 2024
12:15 PM



- Areas highlighted in yellow have the greatest risk for flash (rapid-onset) flooding Tuesday-Wednesday night.
- Urban areas and faster-responding small streams will be the most vulnerable to flash flooding issues.

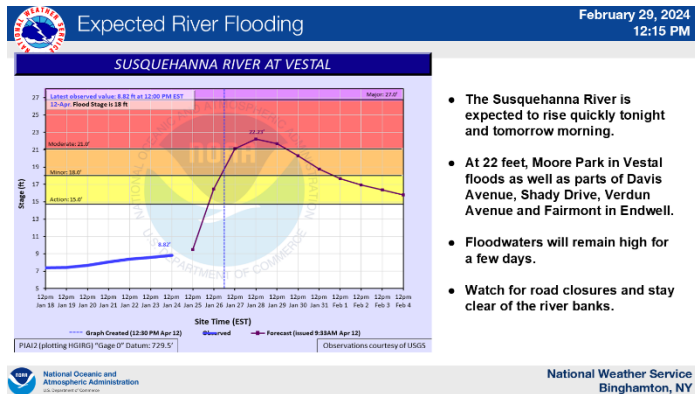
4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Expected Precipitation Amounts.

Not at all useful 1 2 3 4 5 Extremely useful



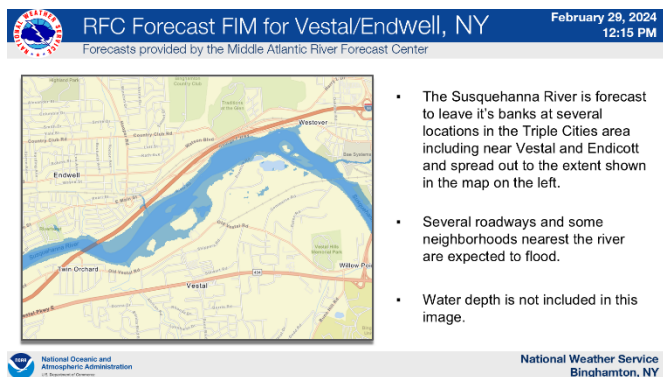
5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful 1 2 3 4 5 Extremely useful



6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful



7: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful


 NWM FIM between Vestal and Owego, NY
Tropical Depression

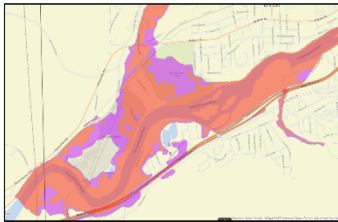


- The full extent National Water Model FIM shows flooding along smaller streams and tributaries as well as the Susquehanna River.
- These FIM services may be useful for filling in gaps between river gages where RFC FIM and partner FIM (AHPS) does not exist.
- In this event, Susquehanna River flooding is expected to continue downstream near Apalachin, NY with the Nanticoke and Apalachin Creeks also showing inundation.

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful

 CatFIM near Vestal and Endicott
Tropical Depression

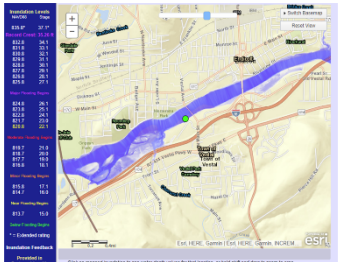


- Comparing CatFIM
- This map shows the extent of Moderate flooding (red) and Major flooding (purple) levels.
- While flooding tomorrow is not expected to be as extensive as a major flood, this map is useful to determine the best staging areas and evacuation routes if conditions become worse than the expected moderate flooding.

9: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful

 Partner (AHPS) FIM - Vestal, NY
Tropical Depression



- Partner FIM (aka AHPS FIM) was developed through a multi-agency partnership and has been publicly available for numerous locations along the Susquehanna (including Conklin, Binghamton and Vestal) since 2008.
- Expected inundation when the Vestal gage reaches 22.1 feet is shown at left.
- This mapping is the "gold standard" and has the ability to show inundation by each foot of rise, and also shows expected inundation depth.

10: What changes might you recommend for these products?

11: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

12: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

Text-based Graphic-based Combination of both

13: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Share what I learned about NWS products today with others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seek NWS information about extreme weather risks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use NWS products and information in your decision-making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt comfortable voicing my opinion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know more about National Weather Service products.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel I could use National Weather Service resources to judge my community's risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

16: Was anything in the session confusing? If yes, please explain.

17: What improvements could be made in the format or content of this session?

Thank you for participating!